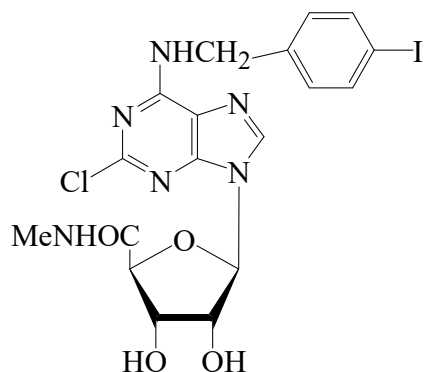




>>Entry Name: 1-[2-Chloro-6-[[3-(3-iodophenyl)methyl]amino]-9H-purin-9-yl]-1-deoxy-*N*-methyl-β-D-ribofuranuronamide, 9Cl

Synonym(s): 2-Chloro-*N*⁶-(3-iodobenzyl)adenosine-5'-*N*-methyluronamide. 2-Chloro-1B-MECA



CAS Registry Number: 163042-96-4

Molecular Formula: C₁₈H₁₈ClIN₆O₄

Molecular Weight: 544.735

Accurate Mass: 544.012279

Percentage Composition: C 39.69%; H 3.33%; Cl 6.51%; I 23.30%; N 15.43%; O 11.75%

Biological Use/Importance: Adenosine A₃-receptor agonist

Physical Description: Solid

Melting Point: Mp 206-207°

>>Derivative: Dibenzoyl

CAS Registry Number: 163042-90-8

Physical Description: Foam

References:

Kim, H.O. *et al.*, *J. Med. Chem.*, 1994, **37**, 3614-3621, (*synth, pmr, pharmacol, sar*)

Jacobson, K.A. *et al.*, *J. Med. Chem.*, 1995, **38**, 1720-1735, (*pharmacol*)

Pat. Coop. Treaty (WIPO), 1995, *US Dept Health and Human Services*, 95 02 604; *CA*, **123**, 257265q, (*synth, pharmacol*)